

FIG. 1A

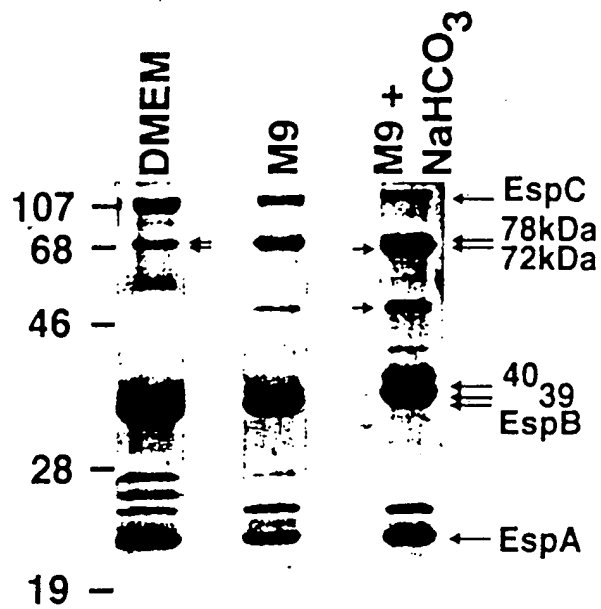
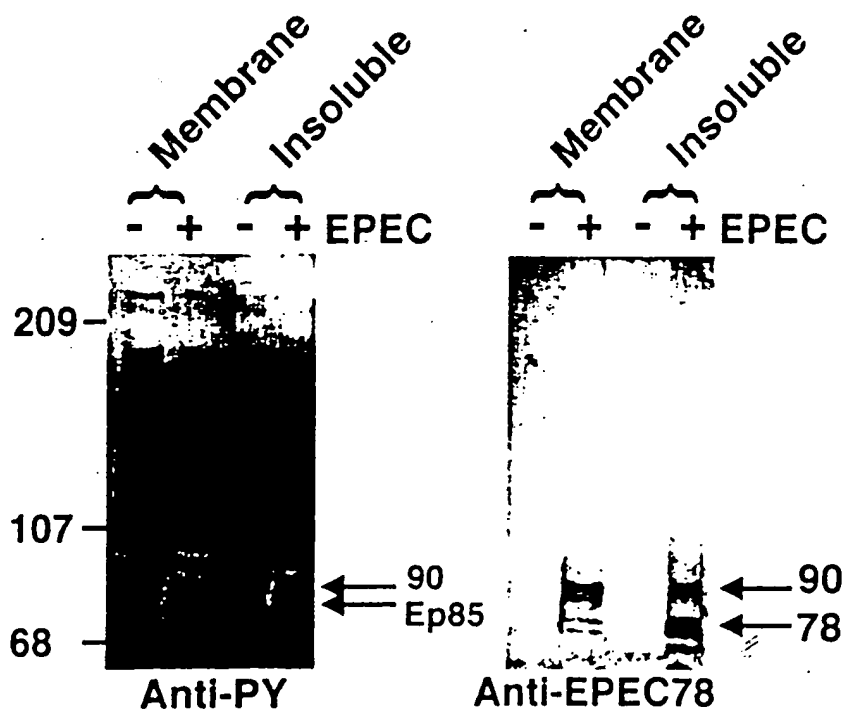


FIG. 1B



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FIG. 2A

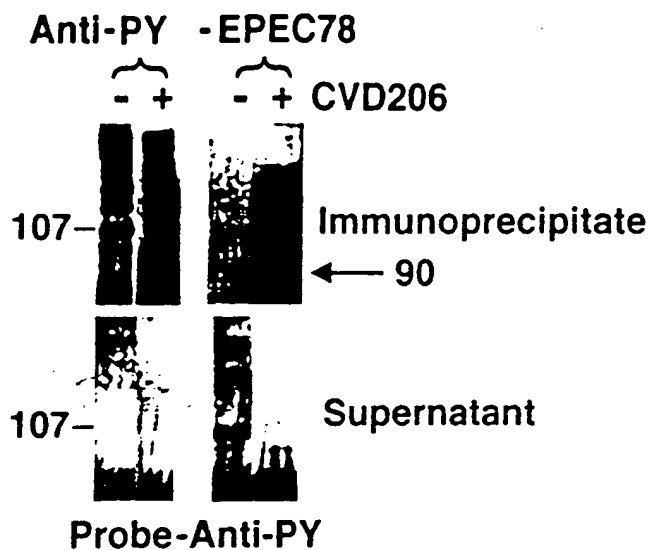
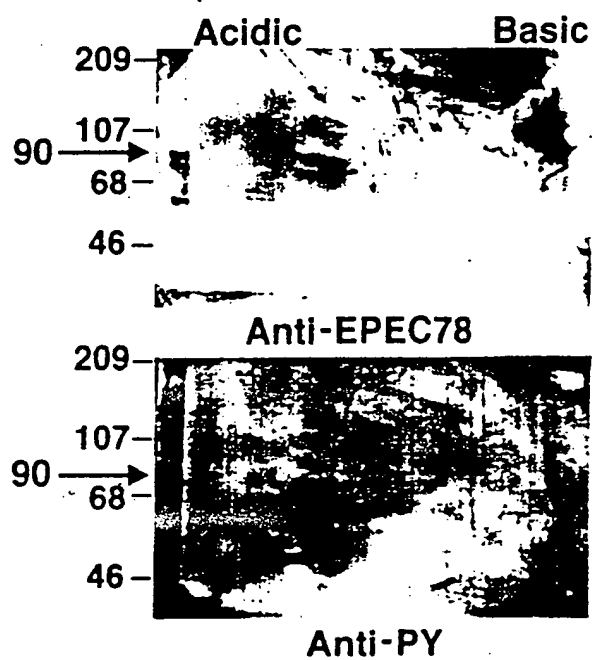


FIG. 2B



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FIG. 3

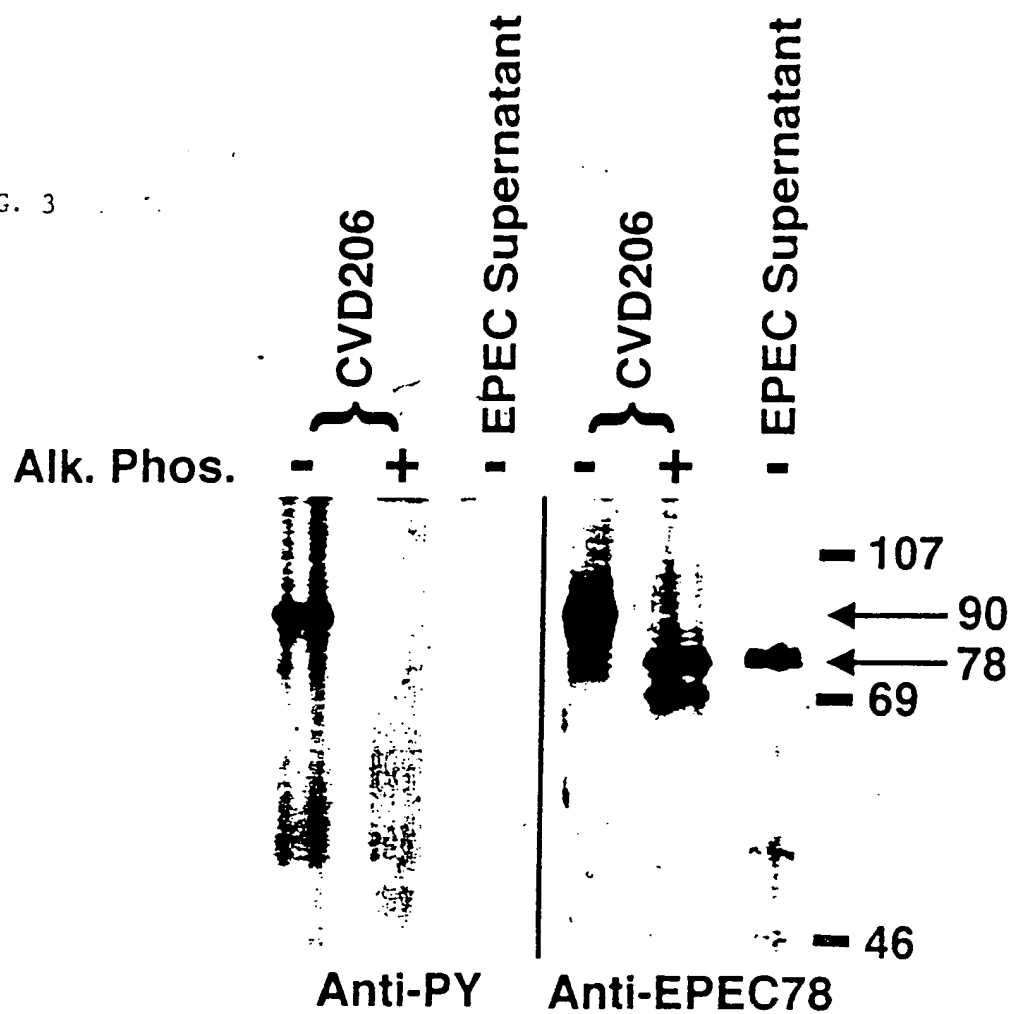


FIG. 4

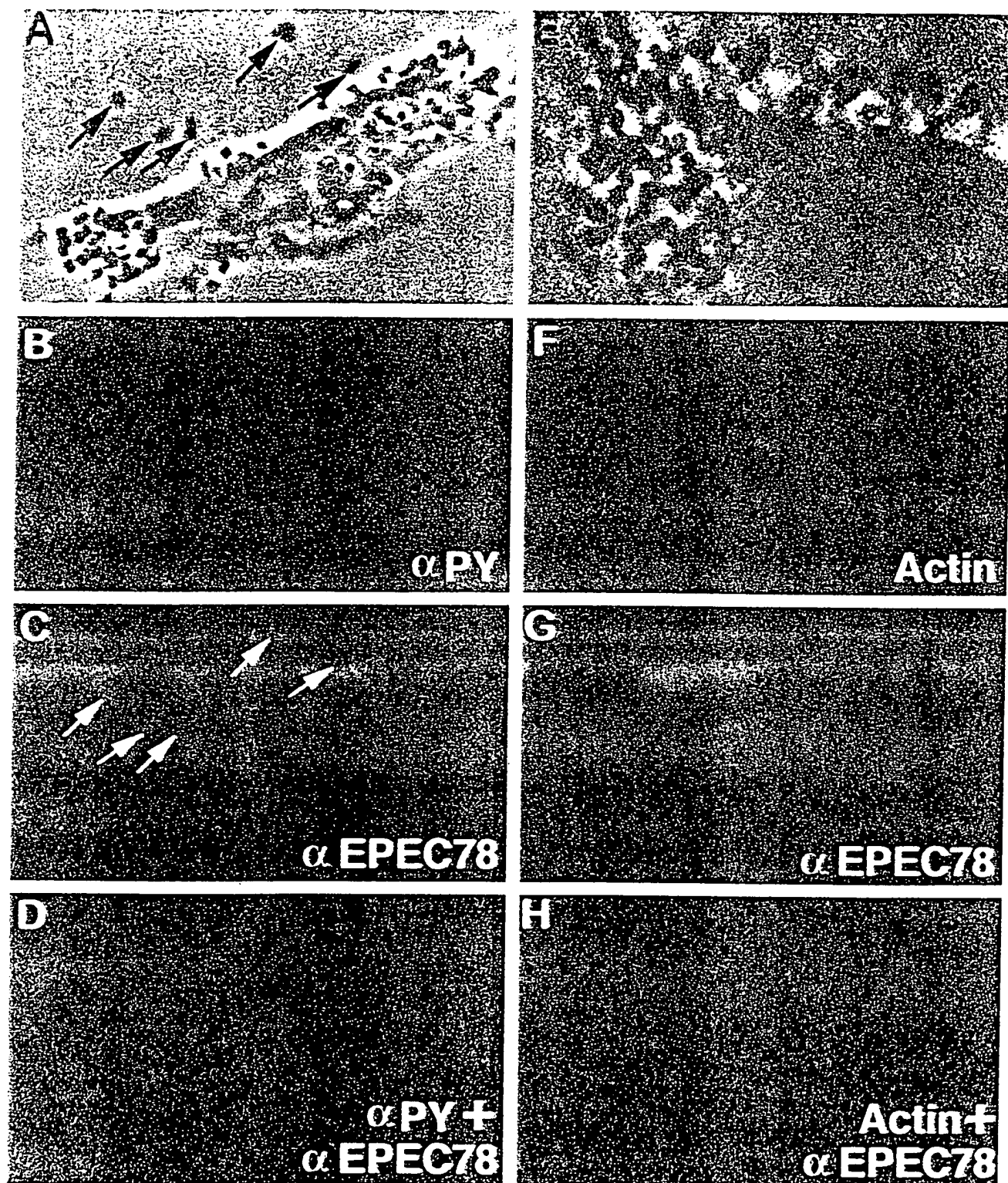
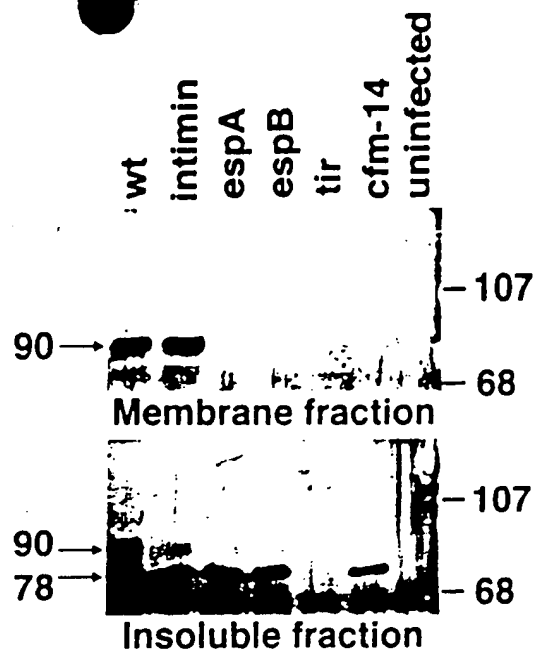


FIG. 5



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FIG. 6A

COOCTOCATACCGTTACOTCATAGTAATATAAAGGAACGTGTCAAATTTCTAAATAAAG 60
 cfr ->
 GATATATOTATOCCTATTTOGTAACTTGTAAATAATGTAAATGGCAATCATTTAATTCCT 120
 H P I Q N L G N N V N G N H L I P
 CCTGCCGCCCACTACCTTCACAAACAGACGCGCGCGGACGGGAAGAACTGGTCATCTA 180
 P A P P L P S Q T D G A A R G G T G H L
 ATTAGCTCTACAGGAOCATTAGGATCTCOTTCATTGTTTTCTCCCTGAGAAATCTATG 240
 I S S T G A L G S R S L F S P L R N S H
 GCTGATTCTGTCGATTCCAGAGATATCCAGGACTTCTACAAACCCATCGAGGCTTGCT 300
 A D S V D S R D I P G L P T N P S R L A
 GCACTACATCTGAGACATGCTTGTGGAGGATTGAAAGTTCTCCATGATAAGGGGCA 360
 A A T S E T C L L G G F E V L H D K G P
 CTTGATATTCTCAATACGCAAAATGGACCCCTCTGCATTTCGTGTTGAAGTGCAGGCAGAT 420
 L D I L N T Q I G P S A F R V E V Q A D
 GGTACTCATGCCGCTATTGGAGAAAAAATGGTTTGGAGGTTAGCGTTACATTAAGTCCT 480
 G T H A A I G E K N G L E V S W T L S P
 CAAGAATOGAGCAGCTTCAATCTATTGATACTGAGGGTAAAAACAGATTGTTTTTACC 540
 Q E W S S L Q S I D T E G K N R F V F T
 GGGGACGTGGCGGTAGTGGCATCCGATGGTCACTGTGTCATCAGATATCGCGGAAGCT 600
 G G R G G S G H P H V T V A S D I A E A
 CGTACGAAAACTAGCCAAATAGACCCAGACAATCATGGAGGACGTCAACCCAGGAC 660
 R T K I L A K L D P D N H G G R Q P K D
 GTTGATACGCTTCTGTTGGTGTGGCAGCGCTTCGGGAATAGATGATGCGGTTGTTAGC 720
 V D T R S V G V G S A S G I D D G V V S
 GAAACCCATACTCAACAAATTTGAGCGGTTCGCTCAGATCTCTAAATTCGGGTTTCT 780
 E T H T S T T N S S V R S D P K P M V S
 GTCGCCCAATTCCTGCTGTTTACGGGGACTGGCGCAACTGGTATTGCACAGCGGTTG 840
 V G A I A A G L A G L A A T Q I A Q A L
 GCTTTGACCCGGAACCGATGATCCTACAACCCAGGATCCTGATCAGGCCCAATGCT 900
 A L T P E P D D P T T T D P D Q A A N A
 GCAGAAAGTCAACAAAGATCAGTTAACGCAAGAAGCATTCAGAACCCTGAGAACCAG 960
 A E S A T K D Q L T Q E A F K N F E N Q
 AAAGTTAACATCGATCGGAACGgaatgctattccgtctctggggaattaaagatgatatt 1020
 K V N I D A N G N A I P S G E L K D D I
 gttgagcaaatagcacaacagctaaagaggctgggtgaggtggccagacagcaggctggt 1080
 V E Q I A Q Q A K E A G E V A R Q Q A V
 gaaagcaatgcacaggcgagcagcagatagaggatcagcagtcagcagcagcaggaggaa 1140
 E S N A Q A Q Q R E D Q H A R R Q E E
 ttacagctttcatcggttattggttacggcctcagcagtcattgattggttctggggga 1200
 L Q L S S G I G G L S S A L I V A G G
 attggtgctggtgtaacgactgcgctccatagacgaantcagccggcagacagacaact 1260
 I Q A G V T T A L H R R R N Q P A E Q T T
 actacaacacacatagcgttagtcagcaacagaccggaggatgccccagcacaaggtg 1320
 T T T T V V Q Q Q T G G I P Q H K V
 gcactgatgccacaagagcgaagacgcttctctgatagacgtgattcgaggggagtggt 1380
 A L M P Q E R R R F S D R R D S Q G S V
 gcacgcacacactggtcagattcctctagcgaagtggttaatccatgctgaagttggg 1440
 A S T H M S D S S S E V V N P A E V G
 ggggctcgggaatagctctatcggtcatcagccagaagagcatatttatgatgaggtcgct 1500
 G A R N S L S A H Q P E E H I D E V A
 gcagatcctggttatagcgttattcagaatttttcagggagcggccagttaccggaagg 1560
 A D P G S V I Q N F S G S G P V T G R
 ttaataggaaactccagggaaggtatccaaagtacttatgcgcttctggcaaacagcggc 1620
 L I G T P G Q G I Q S T A L L A N S G
 ggattgcgttttaggtatgggaggttaacgagtggtggcgagacggcagtaagttctgta 1680
 G L R L G H G G L T S G G E T A V S S V
 aatgccgcaccaacgcgggaccagtcagtttctgttaaatatctctgtgagttattagt 1740
 N A A P T P G P V R F V
 tgaggttgggtgggtgggtgggtgggttttactagcgttaatgtttcagagaacaacggt 1800
 orfU ->
 gcagcagtgggtaactcttgaactctgtttattataatcaattaagagaattataatgtc 1860
 H S
 atcaagatctgaacttttattagataggttttcgggaaaaattggtggttgatctatttc 1920
 S R S E L L L D R P A E K I G V G S I S

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 060715 " 41099

FIG. 6B

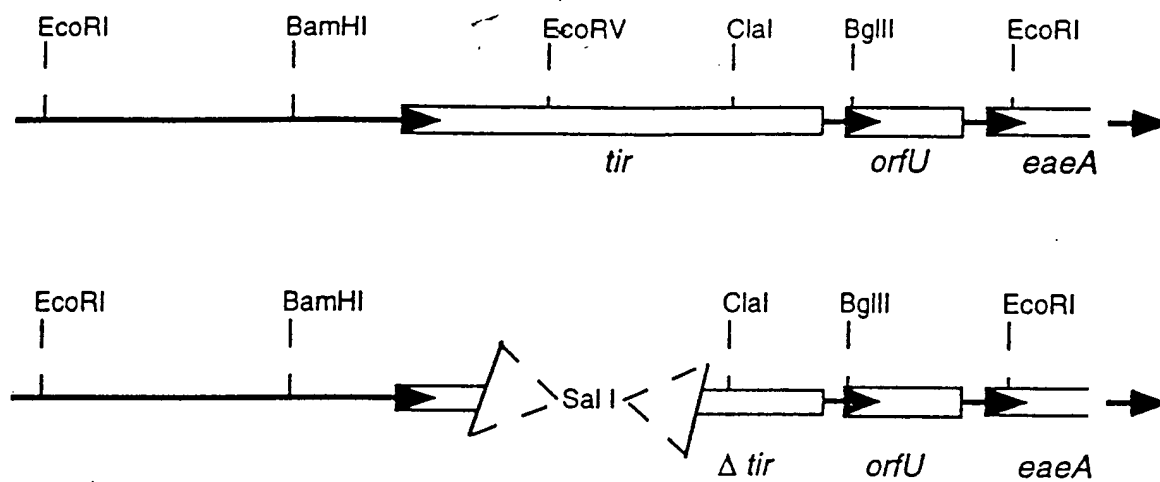


FIG. 7A

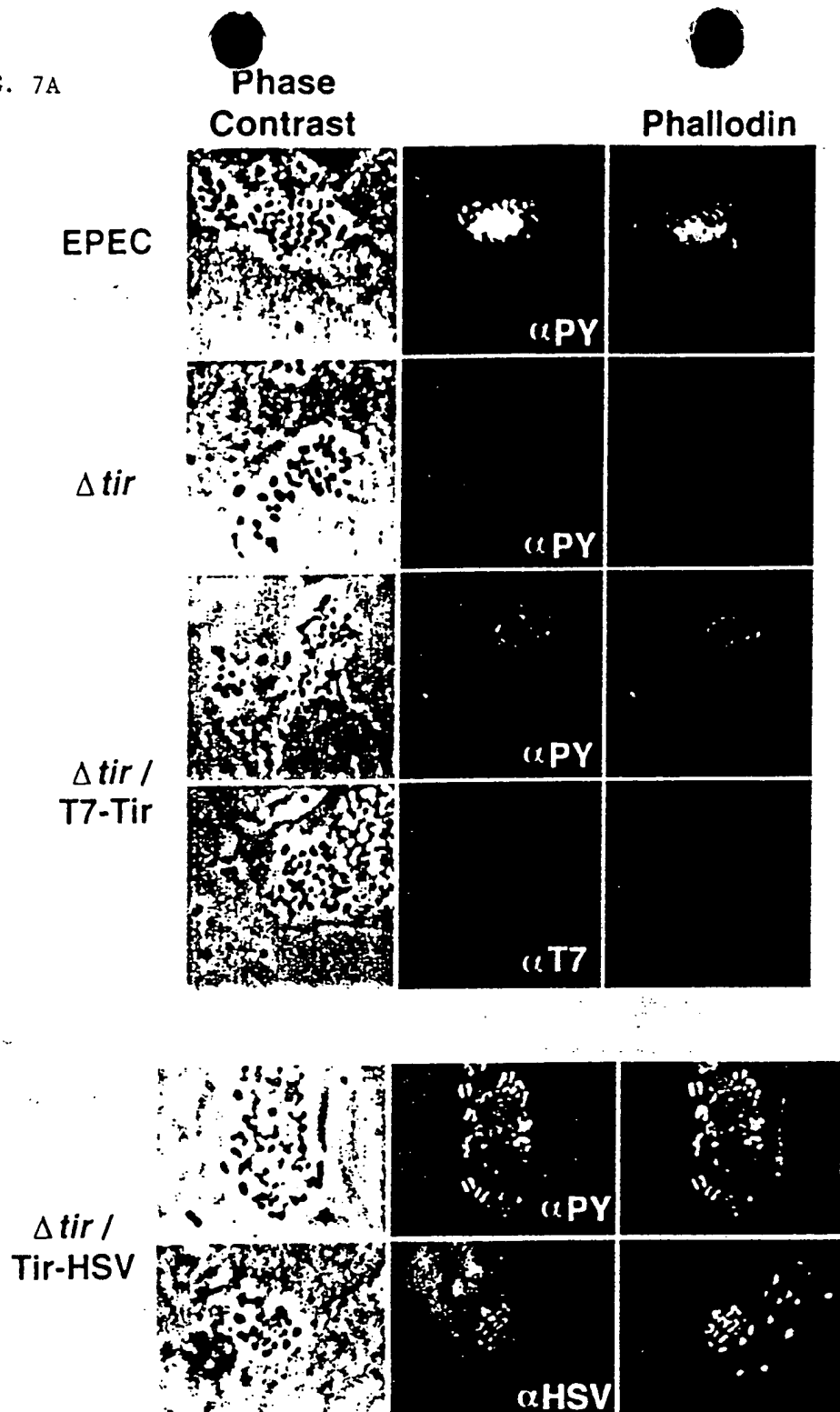
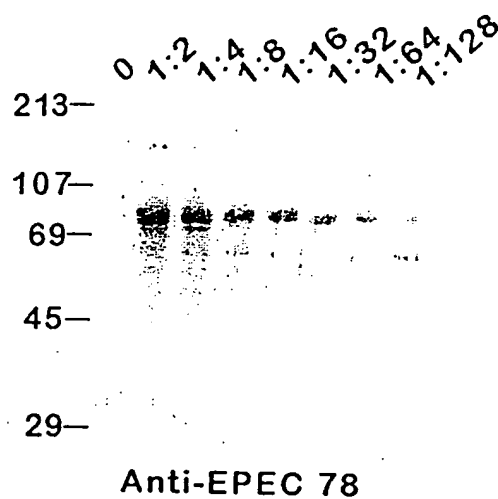
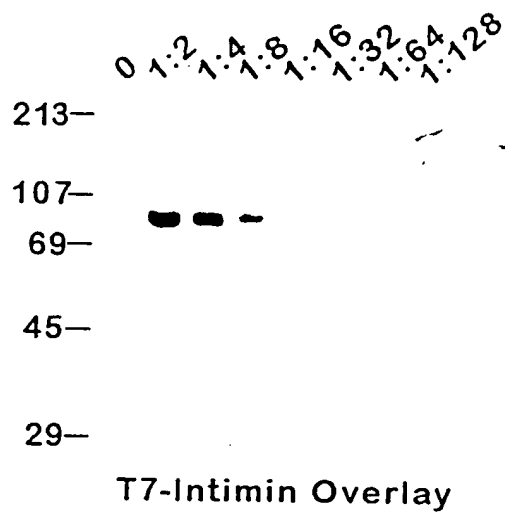


FIG. 7B



FIG. 8A



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FIG. 8B

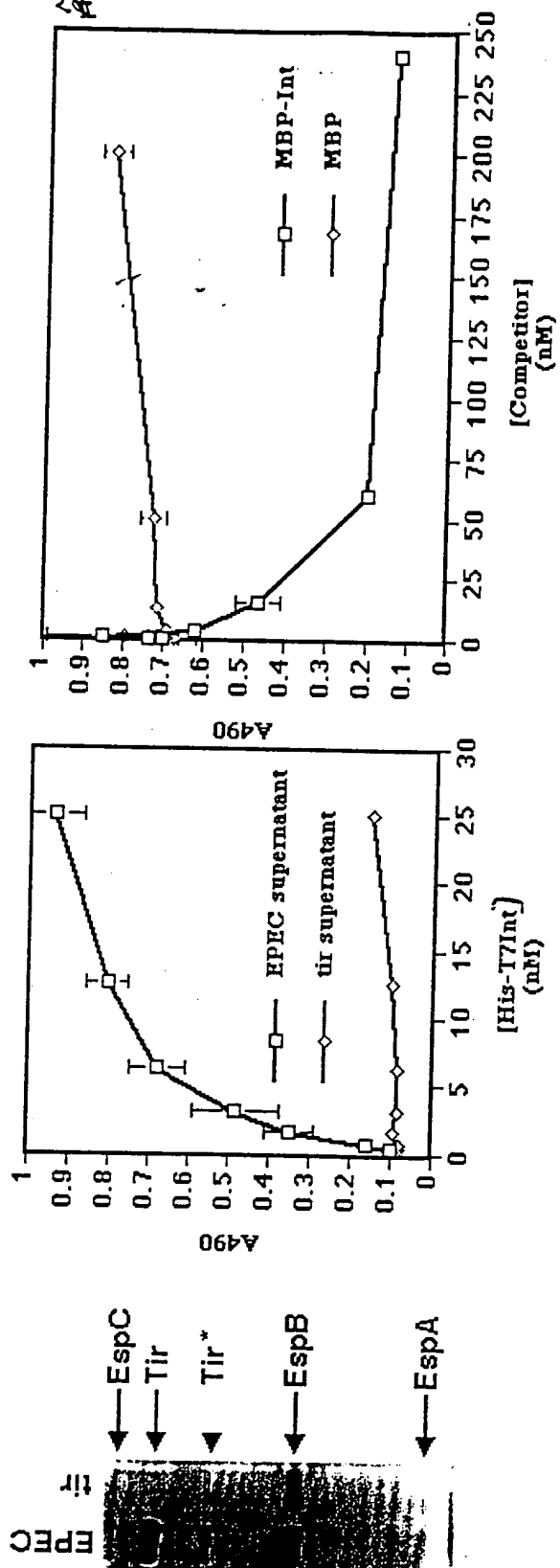


FIG. 9

EPEC	1	MPICNTLQNNVNGNHLIPPAPEEPQTDGAARGGTCHHS
EHEC	1	MPICNTLQHNPVNNSEPPAPEEPQTDGAG - GRGQELN
RDEC-1	1
EPEC	43	ALQSRSLFSPLRNSMADSVDSR - DIPGLPTNHSRCAATS
EHEC	41	PIGSRALPTVRNSMADSGDNRA SDVRGLVNBML
RDEC-1	1NSVADAADSRA SDVRGLPTNHSRCAATS
EPEC	33	TCLLGURBYLHDKGGLDIENTOIGPSAFRVEVQADNTAA
EHEC	31	ITENDGFVYLDHGLDITCNRTIGSSVFRVETQEDCKIXV
RDEC-1	29	VSEHGALVYLDHDKGGLDTLNSAIGSS LFRVETRDBS
EPEC	125	EANGLEVSVTTEPOKWSLSLOS LDTEGKNRFVFTTOR
EHEC	123	DRNGVETSYVLSDOFYARLOS LDPEGMDKFEVETG
RDEC-1	71	QANGLET TYVLS EGFSSLOS LDPEGKNKFVEFG
EPEC	167	MYTVASDIAPARTKCLAKIDEDNHGGRQPKDVDRS
EHEC	165	MYTVASDIAPARTKCLAKIDEDNHGGRQPKDVDRS
RDEC-1	113	MYTVASDIAPARTKCLAKIDEDNHGGRQPKDVDRS
EPEC	209	SGIDDGVVSEPHSTSTNS SVESDRKFWVS VGAAAG
EHEC	206	SNLGAENTTETOPSTSTSSLRSEPKLWLAAGVATE
RDEC-1	145	PNSEGEKIIIEIHSTSTSSLRADPKLWLS
EPEC	251	TGAAGALAEPTPEPDDPTATDDDOAANAADSA
EHEC	243	TCIVGALAEPTPEPDDPTATDDDOAANAADSA
RDEC-1	137	TGIAQAVALTPEPDDPTATDDDOAANAADSA
EPEC	293	NPENGKYNIDANGNAIPSGELKDDIYEQIAQQA
EHEC	290	NPDNOKYNIDELGNAIPSGELKDDVYANLEPO
RDEC-1	229	NPDNOKYNIDENGNAIPSGELKDDVYAOQA
EPEC	335	QAVESNAQAQRNEDQHARKROBELQLSSGIG
EHEC	332	QATENNAQAQRNEDQHARKROBELKVNSSGAG
RDEC-1	271	EATENNSQAQRNEDQHARKREQEMSLSQVGY
EPEC	377	QIGAGTTLHRRNQAPAEOTTTTTT - HTVVOQ
EHEC	374	QIGVAYTAALURKNOPVEOTTTTTT TTTTTS
RDEC-1	313	QIGAGVYKATLRKNQPAEQITITRT - VVDN
EPEC	412	IPQHKVALMPOERRRFSDDSDSQGSVASTHWS
EHEC	416	TPAGGNVDTGSSHDTESSRRSSMASTSS
RDEC-1	347	ASAGGNITITSGPEESPASRRNSNALSNGS
EPEC	453	IAEVGGARNSLSAHQPEEHLYDENVAADPG -
EHEC	458	MA DYKTS LHD SQVPTS NSNTSVQNMGNTDS
RDEC-1	339	YADVGMPTNDSLARI SEEPIMDEVAADEN -
EPEC	491	SGPVTGR LIGTPGOCIOSTYALLANSGLRL
EHEC	500	TTDNGARLLGNESAGFOSTYARLALSGCL
RDEC-1	427	NSRVTORLVGTPGOCIOSTYALLAASGLER
EPEC	533	ALSSVNAAPPTPDRVRFY
EHEC	542	LVNTSNNPPTPDRVRFY
RDEC-1	469	LYSTANAPPTPDRVRFY

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